

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV122318\
 Data File : VW007800.D
 Acq On : 21 Dec 2018 17:38
 Operator : SY/AP
 Sample : VW1223SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WV1223SBS01

Manual Integrations
 APPROVED

MMDadoda
 12/26/2018 10:58:56 AM

Quant Time: Dec 22 00:17:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	79050	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	127797	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	115472	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	59152	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	47035	54.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.58%	
35) Dibromofluoromethane	7.88	113	42546	54.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.14%	
50) Toluene-d8	10.32	98	164634	56.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.04%	
62) 4-Bromofluorobenzene	12.62	95	63928	56.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	11879	16.904	ug/l	93
3) Chloromethane	2.21	50	9171	21.252	ug/l	98
4) Vinyl Chloride	2.37	62	11328	20.622	ug/l	91
5) Bromomethane	2.78	94	7910	20.674	ug/l	99
6) Chloroethane	2.93	64	6448	21.941	ug/l	98
7) Trichlorofluoromethane	3.25	101	8604	15.045	ug/l	98
8) Diethyl Ether	3.67	74	7121	20.329	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.06	101	15207	18.055	ug/l	98
10) Methyl Iodide	4.27	142	24730	18.463	ug/l	96
11) Tert butyl alcohol	5.19	59	6486	110.972	ug/l	98
12) 1,1-Dichloroethene	4.03	96	14548	18.653	ug/l	97
13) Acrolein	3.89	56	4335	92.763	ug/l	97
14) Allyl chloride	4.66	41	20593	20.135	ug/l	92
15) Acrylonitrile	5.37	53	16487	110.339	ug/l	99
16) Acetone	4.12	43	16478	101.562	ug/l #	87
17) Carbon Disulfide	4.37	76	40285	16.691	ug/l	99
18) Methyl Acetate	4.67	43	8539	22.130	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	25082	22.401	ug/l	98
20) Methylene Chloride	4.90	84	18022	18.201	ug/l	93
21) trans-1,2-Dichloroethene	5.41	96	16486	19.220	ug/l	96
22) Diisopropyl ether	6.31	45	40426	21.109	ug/l	97
23) Vinyl Acetate	6.25	43	125425	110.234	ug/l	97
24) 1,1-Dichloroethane	6.21	63	28066	19.921	ug/l	96
25) 2-Butanone	7.18	43	21429	112.762	ug/l	97
26) 2,2-Dichloropropane	7.17	77	19557	18.970	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	17930	19.620	ug/l	96
28) Bromochloromethane	7.51	49	9460	19.694	ug/l	99
29) Tetrahydrofuran	7.53	42	13409	118.293	ug/l	96
30) Chloroform	7.68	83	30373	19.050	ug/l	96
31) Cyclohexane	7.95	56	25686	19.915	ug/l	93
32) 1,1,1-Trichloroethane	7.87	97	26399	18.180	ug/l	98
36) 1,1-Dichloropropene	8.08	75	24328	19.723	ug/l	99
37) Ethyl Acetate	7.26	43	8897	20.900	ug/l	97
38) Carbon Tetrachloride	8.07	117	24397	16.795	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	30359	19.807	ug/l	98
40) Benzene	8.32	78	65294	19.837	ug/l	97
41) Methacrylonitrile	7.48	41	5274	21.822	ug/l	98
42) 1,2-Dichloroethane	8.40	62	21178	19.200	ug/l	98
43) Isopropyl Acetate	8.43	43	19233	22.552	ug/l	98
44) Trichloroethene	9.09	130	18666	18.752	ug/l	99
45) 1,2-Dichloropropane	9.37	63	14998	20.535	ug/l	97
46) Dibromomethane	9.46	93	8735	19.429	ug/l	99
47) Bromodichloromethane	9.64	83	21187	17.926	ug/l	99
48) Methyl methacrylate	9.44	41	9681m	22.741	ug/l	
49) 1,4-Dioxane	9.44	88	2783	390.435	ug/l	92
51) 4-Methyl-2-Pentanone	10.21	43	46391	115.099	ug/l	98
52) Toluene	10.39	92	44547	20.172	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	23677	20.140	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	26029	20.045	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	12668	20.439	ug/l	98
56) Ethyl methacrylate	10.65	69	16568	22.625	ug/l	96
57) 1,3-Dichloropropane	10.93	76	21044	20.447	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	42190	126.188	ug/l	98
59) 2-Hexanone	10.97	43	33861	119.458	ug/l	100
60) Dibromochloromethane	11.13	129	14552	17.732	ug/l	100
61) 1,2-Dibromoethane	11.24	107	12720	20.266	ug/l	97
64) Tetrachloroethene	10.86	164	15575	19.048	ug/l	97
65) Chlorobenzene	11.66	112	48489	19.401	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	16720	18.722	ug/l	96
67) Ethyl Benzene	11.73	91	87661	20.440	ug/l	97
68) m/p-Xylenes	11.84	106	68033	40.893	ug/l	98
69) o-Xylene	12.17	106	31926	20.472	ug/l	100
70) Styrene	12.18	104	51862	20.231	ug/l	98
71) Bromoform	12.35	173	7588	16.368	ug/l #	95
73) Isopropylbenzene	12.47	105	89901	20.107	ug/l	99
74) N-amyl acetate	12.27	43	18653	24.084	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	14495	21.622	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	10969m	23.992	ug/l	
77) Bromobenzene	12.75	156	20716	20.217	ug/l	98
78) n-propylbenzene	12.80	91	103911	19.964	ug/l	99
79) 2-Chlorotoluene	12.90	91	61581	20.310	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	78043	20.235	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	4170	19.146	ug/l	95
82) 4-Chlorotoluene	12.99	91	64929	20.112	ug/l	99
83) tert-Butylbenzene	13.21	119	68698	20.301	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	80989	20.811	ug/l	99
85) sec-Butylbenzene	13.39	105	94501	20.263	ug/l	99
86) p-Isopropyltoluene	13.50	119	86357	20.363	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	40711	20.010	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	40910	20.102	ug/l	99
89) n-Butylbenzene	13.83	91	78431	20.171	ug/l	99
90) Hexachloroethane	14.10	117	11867	15.939	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	37070	20.350	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2705	19.648	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	26164	20.692	ug/l	100
94) Hexachlorobutadiene	15.24	225	13555	20.059	ug/l	99
95) Naphthalene	15.37	128	54397	23.269	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	22719	20.990	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

